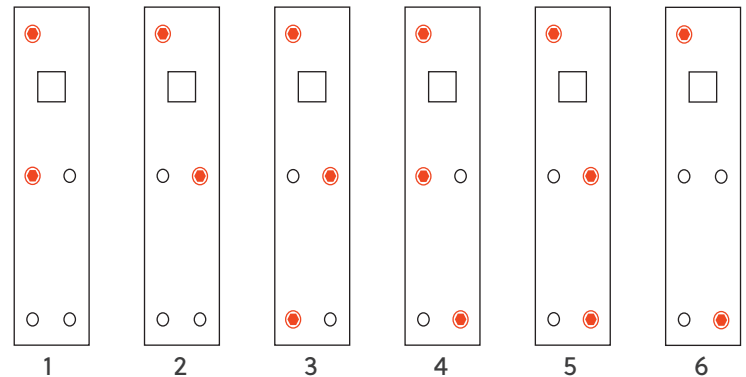


# CONCRETE SCREW ANCHORAGE

### APPROVED ANCHORS

ANCHOR NAME	SIZE
Hilti KWIK HUS Carbon Steel Screw Anchor	½" x 3"
Hilti KWIK HUS Carbon Steel Screw Anchor	½" x 3½"
Powers Wedge-Bolt+ Screw Anchor	½" x 3"
Powers Wedge-Bolt+ Screw Anchor	½" x 4"
Red Head Large Diameter Tapcon	½" x 3"
Red Head Large Diameter Tapcon	½" x 4"

### ANCHOR LAYOUT OPTIONS



In the subsequent charts specific anchors are identified by the letters 'A' and 'B' and are outlined below.

**A** - Hilti Kwik HUS ½" x 3"  
Powers Wedge-Bolt+ ½" x 3"  
RedHead Tapcon ½" x 3"

**B** - Hilti Kwik HUS ½" x 3½"  
Powers Wedge-Bolt+ ½" x 4"  
RedHead Tapcon ½" x 4"

### FALL ARREST LOAD REQUIREMENTS UP TO 8 KN

For regulations requiring fall arrest anchor load capacities to be at least 8 kN (1800 lbf.), the following chart outlines the allowable anchorage layouts and anchor brands/sizes. These options are valid for any slabs 4" or thicker.

	LAYOUT 1	LAYOUT 2	LAYOUT 3	LAYOUT 4	LAYOUT 5	LAYOUT 6
minimum slab thickness 4" SLAB	A	A	A	A	A	A

### FALL ARREST LOAD REQUIREMENTS UP TO 22 KN

For regulations requiring fall arrest anchor load capacities to be at least 22 kN (5000 lbf.), the following chart outlines the allowable anchorage layouts and anchor brands/sizes based on slab thickness.

	LAYOUT 1	LAYOUT 2	LAYOUT 3	LAYOUT 4	LAYOUT 5	LAYOUT 6
4" SLAB			A	A	A	
6" SLAB	B	B	A	A	A	B
10" SLAB	B	B	A	A	A	B

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